Status: Path 1 of [Dialog Information Services via Modem]

Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)
Trying 31060000009999...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
 ******** HHHHHHHH SSSSSSSS?
Status: Signing onto Dialog
 ****
ENTER PASSWORD:
 ******** HHHHHHHH SSSSSSSS? ********
Welcome to DIALOG
Status: Connected

Dialog level 04.09.00D

Last logoff: 20may04 09:24:10
Logon file001 21may04 12:41:15
             *** ANNOUNCEMENT ***
                    ***
--File 654 - US published applications from March 15, 2001 to the
present are now online. Please see HELP NEWS 654 for details.

                    ***
--File 581 - The 2003 annual reload of Population Demographics is
complete. Please see Help News581 for details.

                    ***
--File 990 - NewsRoom now contains February 2003 to current records.
File 992 - NewsRoom 2003 archive has been newly created and contains
records from January 2003. The oldest months's records roll out of
File 990 and into File 992 on the first weekend of each month.
To search all 2003 records BEGIN 990, 992, or B NEWS2003, a new
OneSearch category.
                    ***
--Connect Time joins DialUnits as pricing options on Dialog.
See HELP CONNECT for information.
                    ***
                    ***
--SourceOne patents are now delivered to your email inbox
as PDF replacing TIFF delivery. See HELP SOURCE1 for more
information.
                    ***
--Important Notice to Freelance Authors--
See HELP FREELANCE for more information
                    ***
NEW FILES RELEASED
***AeroBase (File 104)
***DIOGENES: Adverse Drug Events Database (File 181)
***World News Connection (File 985)
***Dialog NewsRoom - 2003 Archive (File 992)
***TRADEMARKSCAN-Czech Republic (File 680)
***TRADEMARKSCAN-Hungary (File 681)
***TRADEMARKSCAN-Poland (File 682)
                    ***
UPDATING RESUMED
                    ***
RELOADED
***Medline (Files 154-155)
***Population Demographics -(File 581)
***CLAIMS Citation (Files 220-222)

REMOVED
                    ***

KWIC is set to 50.
HILIGHT set on as '*'
* ALL NEW CURRENT YEAR RANGES HAVE BEEN * * *
* * * INSTALLED   * * *
*

File   1:ERIC 1966-2004/May 18
          (c) format only 2004 The Dialog Corporation

        Set   Items   Description
        ---   -----   -----------
Cost is in DialUnits
?b 155, 5, 73
        21may04 12:41:31 User259876 Session D624.1
              $0.31   0.089 DialUnits File1
      $0.31 Estimated cost File1
      $0.06 TELNET
      $0.37 Estimated cost this search
      $0.37 Estimated total session cost   0.089 DialUnits

SYSTEM:OS - DIALOG OneSearch
   File 155:MEDLINE(R) 1966-2004/May W3
          (c) format only 2004 The Dialog Corp.
File 155: Medline has been reloaded. Accession numbers
have changed. Please see HELP NEWS 154 for details.
   File   5:Biosis Previews(R) 1969-2004/May W3
          (c) 2004 BIOSIS
   File 73:EMBASE 1974-2004/May W2
          (c) 2004 Elsevier Science B.V.

        Set   Items   Description
        ---   -----   -----------
?s ((plant (w) allergen) or ragweed or pollen)
          774217   PLANT
           57806   ALLERGEN
              85   PLANT(W)ALLERGEN
            5786   RAGWEED
           66506   POLLEN
      S1   69809   ((PLANT (W) ALLERGEN) OR RAGWEED OR POLLEN)
?s (signal (w) (sequence or peptide)) or (leader (w) (peptide or sequence))
          665851   SIGNAL
         1482148   SEQUENCE
          696719   PEPTIDE
           35983   SIGNAL(W)(SEQUENCE OR PEPTIDE)
           23060   LEADER
          696719   PEPTIDE
         1482148   SEQUENCE
            8915   LEADER(W)(PEPTIDE OR SEQUENCE)
      S2   43868   (SIGNAL (W) (SEQUENCE OR PEPTIDE)) OR (LEADER (W)
                   (PEPTIDE OR SEQUENCE))
?s s2 (s) (heterologous or bacterial or viral)
           43868   S2
           89711   HETEROLOGOUS
         1040657   BACTERIAL
          663855   VIRAL
      S3   4867   S2 (S) (HETEROLOGOUS OR BACTERIAL OR VIRAL)
?s s1 and (vector or polynucleotide)
           69809   S1
          268641   VECTOR
           11186   POLYNUCLEOTIDE
      S4   405   S1 AND (VECTOR OR POLYNUCLEOTIDE)
?s s4 (s) s3

```
        405  S4
       4867  S3
   S5      0  S4 (S) S3
?s s4 and s3
        405  S4
       4867  S3
   S6      0  S4 AND S3
?s s1 (s) (HA or hemagglutinin)
      69809  S1
     110514  HA
      23030  HEMAGGLUTININ
   S7    439  S1 (S) (HA OR HEMAGGLUTININ) .
?s s7 (s) (signal (w) (sequence or peptide))
        439  S7
     665851  SIGNAL
    1482148  SEQUENCE
     696719  PEPTIDE
   S8      0  S7 (S) (SIGNAL (W) (SEQUENCE OR PEPTIDE))
?s (HA or hemagglutinin) (w) (signal (w) (sequence or peptide))
     110514  HA
      23030  HEMAGGLUTININ
     665851  SIGNAL
    1482148  SEQUENCE
     696719  PEPTIDE
   S9     19  (HA OR HEMAGGLUTININ) (W) (SIGNAL (W) (SEQUENCE OR
              PEPTIDE))
?s s9 and s1
         19  S9
      69809  S1
   S10     0  S9 AND S1
?rd s9
...completed examining records
   S11    11  RD S9 (unique items)
?t s11/3,k/all
```

11/3,K/1   (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2004 The Dialog Corp. All rts. reserv.

13707216   PMID: 9398350
  Site-specific fluorescence labeling of the beta2 adrenergic receptor amino terminus.
  Parola A L; Lin S; Kobilka B K
  Division of Cardiovascular Medicine, Stanford University, Stanford, California 94305, USA.
  Analytical biochemistry (UNITED STATES)   Dec 1 1997, 254 (1) p88-95, ISSN 0003-2697   Journal Code: 0370535
  Contract/Grant No.: 5 T32 HLC07740; HL; NHLBI; RO 1 NS28471; NS; NINDS
  Document type: Journal Article
  Languages: ENGLISH
  Main Citation Owner: NLM
  Record type: Completed

  ...the following modifications: (1) all 16 lysines in the wild-type beta2 receptor were mutated to arginines, (2) a FLAG epitope preceded by a cleaved *hemagglutinin* *signal* *sequence* was fused to the amino terminus, and (3) a hexahistidine tail was added to the carboxyl terminus. The FLAG epitope and hexahistidine tail were added...

11/3,K/2   (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2004 The Dialog Corp. All rts. reserv.

13228126   PMID: 8896240
  Purification and in vitro-phospholabeling of secretory envelope proteins E1 and E2 of hepatitis C virus expressed in insect cells.

Hussy P; Schmid G; Mous J; Jacobsen H
Department of a Pharmaceutical Research-Gene Technology, Basel, Switzerland. Peter.Huessy@Roche.com

... hepatitis C virus (HCV), E1 and E2, were expressed as recombinant, secretory proteins in Sf9 insect cells through infection with recombinant baculoviruses. The influenza virus *hemagglutinin* *signal* *sequence* (HASS) was inserted upstream of the HCV-cDNAs in order to effect secretion. Furthermore, a hexa-histidine tag for purification on a Ni(2+)-nitrilotriacetic...

11/3,K/3   (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

09391352   PMID: 1353730
The apical sorting signal on human aminopeptidase N is not located in the stalk but in the catalytic head group.
Vogel L K; Noren O; Sjostrom H
Department of Biochemistry C, Panum Institute, University of Copenhagen, Denmark.

... apical sorting signal is localized in the serine/threonine rich stalk or in the catalytic head group, anchor/stalk-minus aminopeptidase N, consisting of the *hemagglutinin* *signal* *peptide* and the catalytic head group of human aminopeptidase N, was expressed in MDCK cells. Anchor/stalk-minus aminopeptidase N was secreted mainly to the apical...

11/3,K/4   (Item 4 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

09167254   PMID: 1346396
Evidence for an apical sorting signal on the ectodomain of human aminopeptidase N.
Vogel L K; Spiess M; Sjostrom H; Noren O
Department of Biochemistry C, Panum Institute, University of Copenhagen, Denmark.

... membrane and, if so, to localize this sorting signal to one of the domains of the transmembrane protein. Anchor-minus aminopeptidase N, consisting of the *hemagglutinin* *signal* *peptide* including its cleavage site, and the ectoplasmic domain of human aminopeptidase N were stably expressed in Madin-Darby canine kidney cells cultured on polycarbonate filters...

11/3,K/5   (Item 5 from file: 155)

09084549   PMID: 1942254
The quaternary structure, antigenicity, and aggregational behavior of the secretory core protein of human hepatitis B virus are determined by its signal sequence.
Schlicht H J; Wasenauer G
Department of Virology, University of Ulm, Germany.
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

...secreted under control of the pre-C signal sequence was a monomer with HBe antigenicity, whereas the HBe-like protein secreted under control of the *hemagglutinin* *signal* *sequence* was a disulfide-bridge-linked dimer with both HBe and HBc antigenicity. Electron microscopic examination of gradient-purified particulate core gene products showed that HBe protein secreted under control of the *hemagglutinin* *signal* *sequence* forms core particles, whereas HBe protein secreted under control of the pre-C sequence does not. Thus, the pre-C sequence not only mediates the...

11/3,K/6   (Item 6 from file: 155)

08542643   PMID: 2189258
Intracellular processing and immunogenicity of the envelope proteins of human T-cell leukemia virus type I that are expressed from recombinant vaccinia viruses.
Seki M; Sashiyama H; Hayami M; Shida H
Institute for Virus Research, Kyoto University, Japan.
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

... WR-env17-infected cells, translation was initiated exclusively from the initiation methionine of the HA to produce nascently the chimeric env protein, including the altered *HA* *signal* *peptide*. Both this altered *HA* *signal* *peptide* and the internalized env signal peptide functioned as insertion signals for the endoplasmic reticulum. Although about half of the nascent chimeric protein was cleaved at...

...terminus of the internalized env signal peptide to produce the authentic env protein, the other half was cleaved at the carboxyl terminus of the altered *HA* *signal* *peptide* alone to synthesize the chimeric protein. These events led to a less efficient transport of the env protein produced by WR-env17 from the rough...

11/3,K/7   (Item 1 from file: 5)

0012343340   BIOSIS NO.: 200000061653
Heterologous expression of a Trypanosoma cruzi surface glycoprotein (gp82) in mammalian cells indicates the existence of different signal sequence requirements and processing
AUTHOR: Ramirez Marcel I; Boscardin Silvia B; Han Sang W; Paranhos-Baccala

Glaucia; Yoshida Nobuko; Kelly John M; Mortara Renato A; Da Silveira Jose
Franco (Reprint)
AUTHOR ADDRESS: Departamento de Microbiologia, Imunologia e Parasitologia,
Escola Paulista de Medicina, Universidade Federal de Sao Paulo, R.
Botucatu, 862, CEP 04023-062, Sao Paulo, Brazil**Brazil
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

DESCRIPTORS:
CHEMICALS & BIOCHEMICALS: ...virus *hemagglutinin* *signal* *peptide*;

 11/3,K/8   (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE

11331265   EMBASE No: 2001345551
 **Human ABCA1 contains a large amino-terminal extracellular domain
homologous to an epitope of Sjogren's syndrome**
 Tanaka A.R.; Ikeda Y.; Abe-Dohmae S.; Arakawa R.; Sadanami K.; Kidera A.;
Nakagawa S.; Nagase T.; Aoki R.; Kioka N.; Amachi T.; Yokoyama S.; Ueda K.
 K. Ueda, Laboratory of Biochemistry, Division of Applied Life Sciences,
 Kyoto Univ. Graduate Sch. of Agric., Kyoto 606-8502 Japan
 AUTHOR EMAIL: uedak@kais.kyoto-u.ac.jp
 DOCUMENT TYPE: Journal ; Article
 LANGUAGE: ENGLISH   SUMMARY LANGUAGE: ENGLISH
 NUMBER OF REFERENCES: 39

DRUG DESCRIPTORS:
epitope; glycosidase; *hemagglutinin*; *signal peptide*; *cholest*erol;
autoantigen

 11/3,K/9   (Item 2 from file: 73)
DIALOG(R)File 73:EMBASE

07098372   EMBASE No: 1997380236
 **Site-specific fluorescence labeling of the betainf 2 adrenergic receptor
amino terminus**
 Parola A.L.; Lin S.; Kobilka B.K.
 B.K. Kobilka, Medical Institute, Beckman Center, Stanford University,
 Stanford, CA 94305 United States
 AUTHOR EMAIL: kobilka@cmgm.stanford.edu
 DOCUMENT TYPE: Journal; Article
 LANGUAGE: ENGLISH   SUMMARY LANGUAGE: ENGLISH
 NUMBER OF REFERENCES: 27

 ...following modifications: (1) all 16 lysines in the wild-type betainf 2
receptor were mutated to arginines, (2) a FLAG epitope preceded by a
cleaved *hemagglutinin* *signal* *sequence* was fused to the amino
terminus, and (3) a hexahistidine tail was added to the carboxyl terminus.
The FLAG epitope and hexahistidine tail were added...

 11/3,K/10   (Item 3 from file: 73)

05102052   EMBASE No: 1992242268
  **The apical short signal on human aminopeptidase N is not located in the
stalk but in the catalytic head group**
  Vogel L.K.; Noren O.; Sjostrom H.
  Department of Biochemistry C, Panum Institute, Blegdamsvej 3,DK-2200
  Copenhagen   Denmark
  FEBS Letters (FEBS LETT.) (Netherlands) 1992, 308/1 (14-17)
  CODEN: FEBLA   ISSN: 0014-5793
  DOCUMENT TYPE: Journal; Article
  LANGUAGE: ENGLISH   SUMMARY LANGUAGE: ENGLISH

  ...apical sorting signal is localized in the serine/threonine rich stalk
or in the catalytic head group, anchor/stalk-minus aminopeptidase N,
consisting of the *hemagglutinin* *signal* *peptide* and the catalytic head
group of human aminopeptidase N, was expressed in MDCK cells.
Anchor/stalk-minus aminopeptidase N was secreted mainly to the apical...

  11/3,K/11   (Item 4 from file: 73)

03360161   EMBASE No: 1987112738
  **Signal processing, glycosylation, and secretion of mutant hemagglutinins
of a human influenza virus by Saccharomyces cerevisiae**
  Abdul Jabbar M.; Nayak D.P.
  Jonsson Comprehensive Cancer Center, Department of Microbiology and
  Immunology, School of Medicine, University of California, Los Angeles, CA
  90024   United States
  Molecular and Cellular Biology (MOL. CELL. BIOL.) (United States)   1987
, 7/4 (1476-1485)
  CODEN: MCEBD
  DOCUMENT TYPE: Journal
  LANGUAGE: ENGLISH

DRUG DESCRIPTORS:
**hemagglutinin*; **signal peptide*
?ds

Set   Items   Description
S1   69809   ((PLANT (W) ALLERGEN) OR RAGWEED OR POLLEN)
S2   43868   (SIGNAL (W) (SEQUENCE OR PEPTIDE)) OR (LEADER (W) (PEPTIDE
            OR SEQUENCE))
S3   4867   S2 (S) (HETEROLOGOUS OR BACTERIAL OR VIRAL)
S4   405   S1 AND (VECTOR OR POLYNUCLEOTIDE)
S5   0   S4 (S) S3
S6   0   S4 AND S3
S7   439   S1 (S) (HA OR HEMAGGLUTININ)
S8   0   S7 (S) (SIGNAL (W) (SEQUENCE OR PEPTIDE))
S9   19   (HA OR HEMAGGLUTININ) (W) (SIGNAL (W) (SEQUENCE OR PEPTIDE-
              ))
S10   0   S9 AND S1
S11   11   RD S9 (unique items)
?logoff
        21may04 12:51:23 User259876 Session D624.2
              $2.72   0.851 DialUnits File155
                 $1.26   6 Type(s) in Format 3
              $1.26   6 Types
        $3.98 Estimated cost File155
              $4.61   0.823 DialUnits File5
                 $1.75   1 Type(s) in Format 3
              $1.75   1 Types
        $6.36 Estimated cost File5
              $5.41   0.552 DialUnits File73

```
        $10.80  4 Type(s) in Format  3
    $10.80  4 Types
$16.21  Estimated cost File73
        OneSearch, 3 files,  2.226 DialUnits FileOS
 $2.49  TELNET
$29.04  Estimated cost this search
$29.41  Estimated total session cost   2.315 DialUnits
```

Status: Signed Off. (11 minutes)